IN THE CLAIMS:

1.   (Currently Amended) In a mobile communication system having an information content delivery system for delivering information to users aboard a mobile platform, a terminal data loading device semi-permanently installed on the mobile platform, said terminal data loading device comprising:

a media unit operatively connectable to a transportable media element containing media data, <u>a predetermined portion of the media data being encrypted,</u> the media unit being capable of reading the media data from the media element and outputting a media signal;

<u>a security processor unit receiving an encrypted media signal from the media unit and outputting an unencrypted media signal based on one or more predetermined cryptographic keys utilizing a predetermined cryptographic algorithm;</u>

<u>a physical key unit for receiving a physical key, the physical key unit and physical key determining at least one cryptographic key for the security processor unit;</u>

a control processor unit for receiving the media signal from the ~~media~~ <u>security processor</u> unit and ~~outputting an information signal~~ <u>parsing the media signal into blocks of information of a predetermined size;</u> and

a wireline communication unit for receiving the <u>blocks of</u> information ~~signal~~ and outputting a wireline signal to a network on the mobile platform.

2.   (Original) The terminal data loading device of Claim 1,

wherein the wireline communication unit can receive a wireline signal from a network on a mobile platform and output an information signal,

wherein the control processor unit can receive an information signal from the wireline communication unit and output a media signal, and

wherein the media unit can receive a media signal from the control processor unit and write the media signal to a transportable media element, the media unit being operatively connectable to the transportable media element.

3.   (Original) The terminal data loading device of Claim 1, further comprising:

a wireless communication unit for receiving an information signal from the control processor unit and sending a wireless signal to a receiving wireless communication unit in a wireless network, the receiving wireless communication unit outputting an information signal to the control processor unit.

4.   (Original) The terminal data loading device of Claim 1,

wherein the media element is a Digital Versatile Disk (DVD) and the media unit is a DVD drive.

5.   (Original) The terminal data loading device of Claim 1,

wherein the media element is a Compact Disc (CD) and the media unit is a CD drive.

6.   (Original) The terminal data loading device of Claim 1,

wherein the media element is a solid-state memory stick and the media unit is a memory stick interface for reading and writing the memory stick.

7.   (Original) The terminal data loading device of Claim 1,

wherein the media element is a Advanced Intelligent Tape (AIT) and the media unit is an AIT drive.

8.   (Original) The terminal data loading device of Claim 1,

wherein the media element can be safely used on the mobile platform without requiring a mobile platform precertification of the media element against harmful interactions with the mobile platform.

9.   (Cancelled)

10.   (Currently Amended) The terminal data loading device of Claim [[9]] 1,

wherein the wireline communication unit can receive a wireline signal from a network on a mobile platform and output an information signal,

wherein the control processor unit can receive the information signal from the wireline communication unit and output an unencrypted media signal,

wherein the security processor unit can receive the unencrypted media signal and output an encrypted media signal, and

wherein the media unit can receive an encrypted media signal from the security processor unit and write the encrypted media signal to a transportable media element, the media unit being operatively connectable to the transportable media element.

11.   (Currently Amended) The terminal data loading device of Claim [[9]] 1,

wherein the predetermined cryptographic algorithm is a symmetric key algorithm.

12. (Currently Amended) The terminal data loading device of Claim [[9]] 1,

wherein the predetermined cryptographic algorithm is an asymmetric key algorithm and the physical key unit determines at least one cryptographic key pair comprising a public and private key.

13. (Original) The terminal data loading device of Claim 11,

wherein the symmetric key algorithm is the digital encryption standard (DES), the triple-DES (3DES) protocol, or the advanced encryption standard (AES).

14. (Withdrawn) A method of securely processing and transferring information content for use with a terminal data loader device, comprising:

receiving unencrypted content;

creating delivery blocks and encrypting delivery blocks created from the received content;

writing the delivery blocks to a transportable media;

delivering the transportable media to a mobile platform;

decrypting delivery blocks from the transportable media;

collecting delivery blocks decrypted from the transportable media; and

reassembling the delivery blocks into a unencrypted content file on the mobile platform.

15. (Withdrawn) A machine-readable medium having one or more instructions for information content delivery over a network on a mobile platform, which when executed by a processor, causes the processor to perform operations comprising:

receiving an encrypted media signal from a media unit, the media unit being capable of receiving a removable media element containing encrypted content and generating an encrypted media signal;

decrypting the encrypted media signal into a decrypted media signal;

collecting the decrypted media signal into delivery blocks of a predetermined size; and

sending the delivery blocks over the network on the mobile platform.

16.　　(Currently Amended) A method of on-loading content for use with a terminal data loader device on a mobile platform, comprising:

connecting a transportable media element to a media unit, the media element containing media data, a predetermined portion of the media data being encrypted;

reading the transportable media element containing media data with the media unit to produce a media signal;

sending the media signal from the media unit to a security processor for outputting an unencrypted media signal based on one or more predetermined cryptographic keys utilizing a predetermined cryptographic algorithm;

sending the unencrypted media signal from the media unit security processor to a control processor unit;

processing the media signal with the control processor unit to produce an information signal parsing the media signal into blocks of information of a predetermined size;

sending the blocks of information signal to a wireline communication unit;

translating the <u>blocks of</u> information ~~signal~~ with the wireline communication unit to produce a wireline signal; and

outputting the wireline signal with the wireline communication unit to a network on a mobile platform.

17.   (Original) The method of on-loading content of Claim 16, further comprising:

sending the information signal to a wireless communication unit;

translating the information signal with the wireless communication unit to produce a wireless signal; and

outputting the wireless signal with the wireless communication unit to a wireless network.

18.   (Withdrawn) A method of on-loading secure content for use with a terminal data loader device on a mobile platform, comprising:

connecting a transportable media element to a media unit, the media element containing encrypted media data;

reading the transportable media element containing encrypted media data with the media unit to produce an encrypted media signal;

sending the encrypted media signal from the media unit to a security processor unit;

decrypting the encrypted media signal with the security processor unit to produce an unencrypted media signal;

sending the unencrypted media signal from the security processor unit to a control processor unit;

processing the unencrypted media signal with the control processor unit to produce an information signal;

sending the information signal to a wireline communication unit;

translating the information signal with the wireline communication unit to produce a wireline signal; and

outputting the wireline signal with the wireline communication unit to a network on a mobile platform.

19.-20. (Cancelled)

21.   (Withdrawn) A method of off-loading secure content for use with a terminal data loader device on a mobile platform, comprising:

connecting a transportable media element to a media unit;

receiving a wireline signal with a wireline communication unit connected to a network on a mobile platform;

translating the wireline signal with the wireline communication unit to produce an information signal;

sending the information signal from the wireline communication unit to a control processor unit;

processing the information signal with the control processor unit to produce an unencrypted media signal;

sending the unencrypted media signal from the control processor unit to a security processor unit;

encrypting the unencrypted media signal with the security processor unit to produce an encrypted media signal; and

writing the encrypted media signal to the transportable media element with the media unit so that the transportable media element contains encrypted media data corresponding to the encrypted media signal.

22.   (Original) The terminal data loading device of Claim 1,

wherein the wireline communication unit is an ethernet device, a fiber channel device, a token ring device, or a universal-serial-bus device.

23.   (Original) The terminal data loading device of Claim 1,

wherein the wireline communication unit is a serial communication device that conforms to an accepted standard.

24.   (Currently Amended) The terminal data loading device of Claim 1,

wherein the wireline communication unit is a serial communication device is a local area wireless connection that can only communicate within the network on the mobile platform.